

Amendments to the Claims

This listing of claims will replace all prior listings of claims in the application.

Listing of Claims

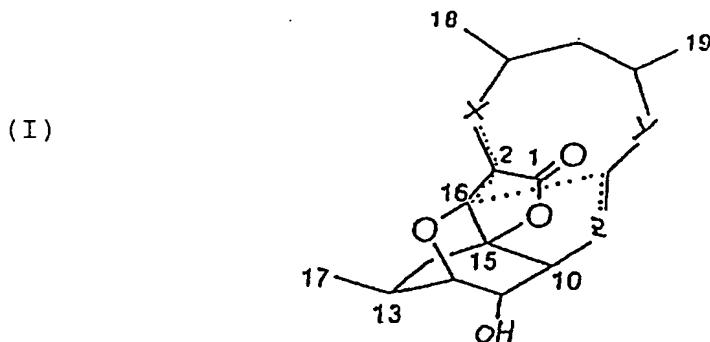
1. (Original) A substance, characterized in that it is a polycyclic macrolactone and can be produced by a representative of the bacterial genus *Verrucosispora*.

2. (Original) A substance as claimed in claim 1, characterized in that it exhibits a pharmacological effect, in particular an antibiotic effect.

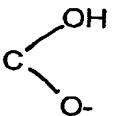
3. (Currently Amended) A substance as claimed in claim 1 ~~or claim 2~~, characterized in that it exhibits an antibiotic effect towards Gram-positive bacteria.

4. (Currently Amended) A substance as claimed in one of the preceding claims Claim 1, characterized in that the representative of the bacterial genus *Verrucosispora* is the bacterial strain AB 18-032 (DSM 15899).

5. (Currently Amended) A substance, in particular as claimed in ~~one of claims 1 to 4~~Claim 1, characterized by the general Formula I together with all the possible relative configurations

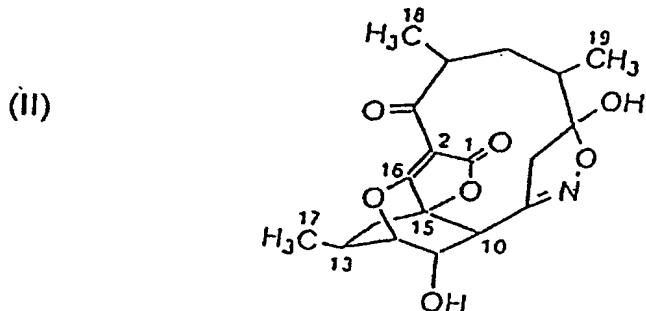


where X is C=O or
C-OH

Y is  or
C=O

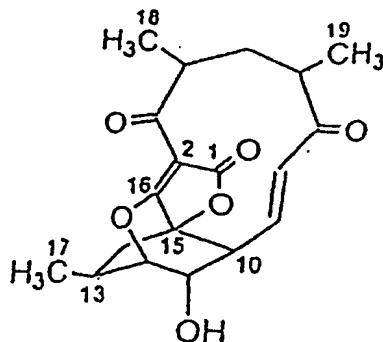
Z is C=N- or
CH or
CH₂.

6. (Original) A substance as claimed in claim 5, characterized by the Formula II together with all the possible relative configurations



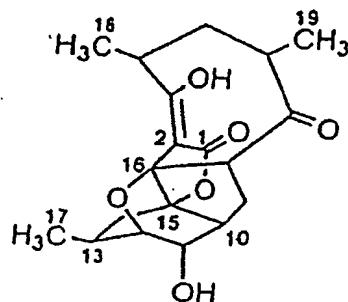
7. (Original) A substance as claimed in claim 5, characterized by the Formula III together with all the possible relative configurations

(III)



8. (Original) A substance as claimed in claim 5, characterized by the Formula IV together with all the possible relative configurations

(IV)



9. (Currently Amended) A substance, in particular as claimed in ~~one of the preceding claims~~Claim 1, characterized in that it inhibits the synthesis of para-aminobenzoic acid, in particular the synthesis of para-aminobenzoic acid from chorismic acid.

10. (Currently Amended) A substance, in particular as claimed in ~~one of the preceding claims~~Claim 1, characterized in that it is a polycyclic macrocyclic and, as constituent structures, exhibits at least one oxabicyclo system and at least one Michael system as double bond system.

11. (Currently Amended) A substance, characterized in that it is a derivative of a polycyclic macrolactone as claimed in ~~one of the preceding claims~~Claim 1.

12. (Currently Amended) A pharmaceutical composition, characterized in that it comprises at least one substance as claimed in ~~one of the preceding claims~~Claim 1 and at least one pharmaceutically acceptable excipient.

13. (Original) A pharmaceutical composition, characterized in that it comprises at least one substance which inhibits the synthesis of para-aminobenzoic acid from chorismic acid and at least one pharmaceutically acceptable excipient.

14. (Currently Amended) The use of a substance as claimed in ~~one of claims 1 to 11~~Claim 1 for treating infectious diseases which are at least concomitantly influenced by bacteria and/or protozoa.

15. (Currently Amended) The use of a substance as claimed in ~~one of claims 1 to 11~~Claim 1 for producing a drug for treating infectious diseases which are at least concomitantly influenced by bacteria and/or protozoa.

16. (Original) The use of a substance for treating infectious diseases which are at least concomitantly influenced by bacteria and/or protozoa, characterized in that the substance inhibits the synthesis of para-aminobenzoic acid from chorismic acid.

17. (Original) The use of a substance for producing a drug for treating infectious diseases which are at least concomitantly influenced by bacteria and/or protozoa, characterized in that the substance inhibits the synthesis of para-aminobenzoic acid from chorismic acid.

18. (Currently Amended) The use as claimed in claim 16 or ~~claim 17~~, characterized in that at least one substance as claimed in one of claims 1 to 11 is employed.

19. (Currently Amended) The use as claimed in ~~one of~~ claims 14 to 18 Claim 14, characterized in that at least some of the bacteria are Gram-positive bacteria.

20. (Currently Amended) The use as claimed in ~~one of~~ claims 14 to 19 Claim 14, characterized in that the bacteria and/or protozoa are resistant, in particular multiresistant, to conventional antibiotics.

21. (Currently Amended) A method for controlling microorganisms, in particular bacteria and/or protozoa, characterized in that use is made of at least one substance as claimed in ~~one of~~ claims 1 to 11 Claim 1.

22. (Currently Amended) A microorganism, characterized in that it is able to produce at least one substance as claimed in ~~one of~~ claims 1 to 11 Claim 1.

23. (Original) A microorganism as claimed in claim 22, characterized in that it is a strain of the bacterial genus *Verrucosispora*, or a mutant thereof.

24. (Currently Amended) A microorganism, in particular as claimed in claim 22 or ~~claim 23~~, characterized in that it is the strain AB 18-032 (DSM 15899) of the bacterial genus *Verrucosispora*, or a mutant thereof.

25. (Currently Amended) A process for preparing at least one substance as claimed in ~~one of~~ claims 1 to 11, comprising the procedural steps of:

- a) culturing a microorganism as claimed in ~~one of~~
~~claims 22 to 24~~Claim 22,
- b) obtaining a culture supernatant from the culture,
- c) where appropriate, preparing a culture filtrate, and
- d) where appropriate, isolating one or more substances from the culture supernatant and/or the culture filtrate.

26. (Currently Amended) A process for preparing at least one substance as claimed in ~~one of claims 1 to 11~~Claim 22, comprising the procedural steps of:

- a) culturing a microorganism as claimed in ~~one of~~
~~claims 22 to 24~~Claim 22,
- b) isolating one or more substances from the microorganism.